FEDERAL ITEM IDENTIFICATION GUIDE

MISCELLANEOUS CHEMICAL SPECIALTIES

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION 1
MRC Index 6
INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG 7
APPLICABILITY KEY INDEX 25
Body 36
SECTION: A 36
SECTION: B 46
SECTION: C 57
SECTION: D 66
SECTION: STANDARD 70
SECTION: SUPPTECH 77
Reply Tables 82
Reference Drawing Groups 96
Technical Data Tables 97
FIIG Change List 101

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

SECTION: A 39
NAME 39
AGZX 39
HUES 39
AGXW 39
CMPY 40
CMPZ 40
ALBY 40
AWDT 41
AHEE 41
CMQB 41
CMQC 42
ATGN 42
CMQD 42
AWRD 43
AZRR 43
CMQF 43
ASGS 44
ASGT 44
CMQG 44
CMQH 44
CMQJ 45
CMQM 45
CFLJ 45
BLBZ 46
AJNK 46
ARAL 46
ARBH 47
AGZY 47
CMQK 47
ARSN 48
AKKF 48
SECTION: B 49
NAME 49
APGF 49
CMQL 49
BBRC 50
BRHT 50
CNDN 50
CNDP 51
CNDQ 52

HUES 52
AGXW 52
ASHR 52
CLDX 53
ARAW 53
CLXG 53
CNDR 54
CNDS 54
CNDT 54
CNDW 55
BMRR 55
CNDX 55
BBPB 55
CNDY 56
AWET 56
AHEE 57
ARAB 57
CNDZ 57
CBWT 58
CNFB 58
ANNW 58
ANNY 59
ANNX 59
AKKF 59
SECTION: C 60
NAME 60
AHAA 60
AHAC 60
ARAW 60
CNFC 61
CHDX 61
ATGP 61
CTSP 62
CNFF 62
CNFG 62
CNFH 62
CNFJ 63
ALBY 63
CNFK 63
CNFL 64
CNFM 64
CNFN 64
CNFP 65
AFGA 65

ARAR 65
CWLR 66
BBRC 66
CNFQ 66
AFZC 67
BLBZ 67
AAZC 67
CNFR 68
AKKF 68
SECTION: D 69
NAME 69
CNFS 69
CNFT 69
CNFW 69
CNFX 70
CNFY 70
CNFZ 70
CTSQ 70
CNGC 71
CTSR 71
AWDW 72
ALPC 72
AKKF 72
SECTION: STANDARD 73
FEAT 73
TEST 73
SPCL 74
ZZZK 74
ZZZT 75
ZZZW 75
ZZZX 76
ZZZY 76
CSGW 76
CRTL 76
PRPY 77
ENAC 77
ALAX * 78
PTRM 78
CZFJ 78
ELRN 79
ELCD 79
SECTION: SUPPTECH 80
AFJK 80
SUPP 80

ZZZP 80
ZZZV 81
CXCY 81
DERM 81
HZRD 81

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
ABSORBENT MATERIAL, SPILL CLEANUP	46203	BZ

An item designed to control and absorb liquids, such as chemical fluids and organic solvents in the event of a spill. It is composed of various materials and is available in different sizes and formats.

ABSORBER, GAS	42576	AK

A filter-like item which removes a gas from the air by chemical reaction. It retards the ripening of fruit, vegetables and flowers while in storage. It does not include a ventilator or other machinery.

ACCELERATOR, RUBBER VULCANIZATION PROCESS	05318	BE
ACETYLENE PURIFIER COMPOUND	17923	AM

A nonspecific chemical used to purify acetylene manufactured by the calcium carbide process.

ADDITIVE, ANTISTATIC, AVIATION TURBINE FUEL	68153	BN

A mixture of organic polymers used to reduce the hazard of electrostatic discharge during fuel handling operations like transferal, mixing, pumping and filtering. It reduces the hazard of charge accumulation by increasing the rate of charge dissipation by increasing fuel conductivity.

ADDITIVE, COOLANT	50777	BN

A chemical mixture designed to control scale, prevent foaming, provide buffering, and corrosion and cavitation protection.

ADDITIVE, THERMAL STABILIZING, AVIATION TURBINE FUEL	52921	BN

A chemical treatment designed, when added to aviation turbine fuel, to improve thermal stability and reduce residual deposits in the fuel system and combustion sections of turbine engines.

ANTI-ICING COMPOUND, AIRCRAFT PROPELLER	05319	BE

A heavy material which, when applied to surface(s) of a propeller blade, lowers the adhesion of ice to the surface and prevents accumulation of ice deposits. When of a single specific chemical, use specific chemical name. Excludes compounds which remove ice after it is formed. See also DEICING- DEFROSTING FLUID.

Approved Item Name	INC	App Key
ANTI-ICING FLUID	18381	BG

A preparation having adherent properties, primarily formulated for the prevention of ice formation. When of a single specific chemical, use specific chemical name. See also DEICING-DEFROSTING FLUID.

ANTIFOAM COMPOUND, SILICONE	21200	DD

A mixture of silicone compound and an inert substance, such as silica; used to prevent or suppress foam in a wide variety of aqueous and nonaqueous systems. For compounds without silicone see ANTIFOAM COMPOUND, SILICONE FREE.

ANTIFOAM COMPOUND, SILICONE FREE	67245	DD

A mixture of silicone free compound and an inert substance, used to prevent or suppress foam in a wide variety of aqueous and nonaqueous systems. For compounds with silicone see ANTIFOAM COMPUND, SILICONE.

ANTIFOGGING COMPOUND	12951	AC

A compound of one or more basic chemicals with filler(s) and/or extenders, intended for the express purpose of preventing condensation of moisture on glass and other transparent material such as lenses or windshields. When of a specific chemical, see specific chemical name.

ANTIFOGGING KIT	17318	DJ

A group of items specifically designed for the application of a substance to glass surfaces, such as gas mask lenses, diver's helmet lenses, automobile windshields, and the like, to prevent fogging.

ANTIFREEZE	05131	BA

Antifreeze is a chemical substance, compound or mixture which, when in aqueous solutions of prescribed proportion, will prevent freezing of water-cooled cooling systems.

ANTISTATIC AND CLEANER COMPOUND	18387	AE

A compound of nonspecific materials designed to prevent the generation of static electricity on the surface of plastic articles. It also acts as a cleaning agent. When of a single specific chemical, use specific chemical name.

ANTISTATIC COMPOUND	32504	BN

A chemical preparation which reduces static electrical charges on materials such as, textiles, wax polishes, fibers, resins, and paper products. For antistatic preparations which include a cleaning agent, see ANTISTATIC AND CLEANER COMPOUND.

BARING COMPOUND, OPTICAL FIBER	45272	AY

A chemical, liquid substance designed to remove the buffer from FIBER, OPTIC without nicking or damaging the conductor. See also STRIPPER, OPTICAL FIBER, HAND.

Approved Item Name	INC	App Key
BLEACH, LAUNDRY, ACTIVE OXYGEN	34513	BY

A chemical substance composed of alkalis and peroxide. When added to laundry water, its milder non-chlorine bleaching action is less likely to affect fabrics and colorfast dyestuffs. Excludes BLEACH, LAUNDRY, ORGANIC CHLORINE.

BLEACH, LAUNDRY, ORGANIC CHLORINE	21318	BL

A substance of nonspecific chemical composition containing a carbon compound with positively bound chlorine. Its addition to laundry water liberates chlorine which accomplishes the bleaching action. When of a single specific chemical, use specific chemical name.

BOILER COMPOUND	07565	BN

An item compounded of several ingredients and specifically designed to be added to boiler water to prevent and/or correct scale, alkalinity, corrosion, leak, and the like. When of a specific chemical, see specific chemical name.

CALIBRATING FLUID, AIRCRAFT FUEL SYSTEM COMPONENTS	18456	CA

A volatile fluid intended to be used in the calibration of fuel system components for aircraft reciprocating engines and aircraft reciprocating engines and aircraft gas turbines. Excludes INDICATING FLUID, INSTRUMENT.

CALIBRATING OIL, STANDARD	30150	CA

An oil used as a standard in spectographic analysis.

CARBON REMOVING COMPOUND	12878	CC

A liquid preparation, primarily intended for removing or loosening carbon from components of internal combustion engines. When of a single specific chemical, use specific chemical name. Excludes CLEANING COMPOUND, SOLVENT.

CARBON-SOOT REMOVING COMPOUND	26825	BE

An additive of nonspecific chemical composition designed to be added to furnace fuel tanks to help remove gum, sludge, carbon, soot, etc., or to be sprinkled over wood or coal fires to help reduce carbon and soot. Does not include items known by specific chemical names, and CARBON REMOVING COMPOUND.

CARBURIZING COMPOUND	32989	AN

A product composed of various nonspecific high carbonaceous materials, used in various metal heat treating carbonaceous processes to add carbon to the surface of the metal in the making of case hardened steel.

Approved Item Name	INC	App Key
CHEMICAL KIT, WATER PURIFICATION	48056	DJ

A group of items, consisting of packages, containing calcium hypochlorite, activated carbon powder and iron trichloride. Excludes CHEMICAL KIT, DECONTAMINATION and CHLORINATION KIT, WATER PURIFICATION.

CHLORINATION KIT, WATER PURIFICATION	21057	DJ

A group of items, consisting of small tubes of calcium hypochlorite and orthotolidine dihydrochloride testing tablets. It may or may not contain sodium sulfate tablets. This kit is designed to provide the necessary items for use in the treatment of water to make it safe for drinking purposes.

CLEANING AND LUBRICATING COMPOUND, ELECTRICAL CONTACT	22479	BF

A chemical mixture designed to clean and lubricate rotors, switches, relays, motors, and the like.

CLEANING AND LUBRICATING COMPOUND, SURGICAL INSTRUMENT	38435	AF

A solvent and oil designed to remove dirt and prevent corrosion of surgical instruments.

CLEANING COMPOUND, ACID, PIPELINE	29268	AQ

A chemical composition of two or more inhibited acids used to clean out drains and/or pipelines.

CLEANING COMPOUND, AIRCRAFT SURFACE	20477	AF

A compound intended for use in solutions of water of any hardness for cleaning and washing of painted or unpainted aircraft surfaces.

CLEANING COMPOUND, ALKALI, BOILING VAT	05321	BE

A nonspecific alkaline compound designed to be used at boiling temperatures to remove tar, mineral oil, asphalt, and like substances from ferrous and non- ferrous alloys. Excludes CLEANING COMPOUND, ALKALI, FERROUS SURFACE and CLEANING COMPOUND, BOILING VAT.

CLEANING COMPOUND, ALKALI, FERROUS SURFACE	18384	AQ

An alkaline chemical preparation designed primarily for cleaning ferrous metal surfaces. When of a single specific chemical, use specific chemical name. Excludes CLEANING COMPOUND, HIGH PRESSURE CLEANER; ALKALI, LAUNDRY; and CLEANING COMPOUND, SOLVENT.

Approved Item Name	INC	App Key
CLEANING COMPOUND, ALUMINUM SURFACE	18382	BP

A preparation of nonspecific chemicals compounded primarily for cleaning and brightening, by chemical action, aluminum surfaces, such as the unpainted exterior surface of aircraft.

CLEANING COMPOUND, BOILING VAT	05322	BE

A compound designed to remove oil and grease from ferrous metals by the boiling vat method. Compound usually comes in concentrated form and dilution may be necessary. When of a single specific chemical, use specific chemical name.

CLEANING COMPOUND, ELECTRICAL CONTACT	28506	BF

A chemical mixture designed to clean contacts used on rotors, switches, relays, motors, and the like. It does not contain a lubricant. Excludes CLEANING AND LUBRICATING COMPOUND, ELECTRICAL CONTACT.

CLEANING COMPOUND, ENGINE COOLING SYSTEM	11068	DA

A chemical compound designed to remove, by disintegration, sludge, scale, and corrosion from such equipment as automobile radiators.

CLEANING COMPOUND, MAGNESIUM SURFACE	18383	BP

A mixture of chemicals for processing magnesium base alloys to increase corrosion resistance and to produce surfaces suitable for paint type coatings.

CLEANING COMPOUND, MASONRY SURFACES	05323	BE

An item compounded for use in removing dirt and grease from stone, brick and concrete surfaces. For items of a single specific chemical, use the specific chemical name.

CLEANING COMPOUND, PLATER'S ELECTROCLEANING	05324	BE

A caustic solution designed for the electrocleaning of ferrous, brass, and magnesium parts prior to plating. When of a single specific chemical, use specific chemical name.

CLEANING COMPOUND, RIFLE BORE	30055	AY

A liquid preparation compounded especially for cleaning the bores of small arms and artillery. It provides a temporary rust resistant coating for the cleaning surface.

Approved Item Name	INC	App Key
CLEANING COMPOUND, SOLVENT	15627	AY

A cleaner of nonspecific chemicals compounded to remove grease, carbon collection, and the like, from parts of internal combustion engines, aircraft surfaces, small machines and the like by solvent action. Does not include items known by specific chemical names, and CLEANING COMPOUND, BAKING PAN.

CLEANING COMPOUND, WINDSHIELD	28504	BR

A chemical compound of nonspecific chemical composition, supplied in concentrated form, designed to be used in windshield washers of automobiles to keep windshields clean, and to provide protection against freezing of the aqueous content, after dilution in accordance with recommended instructions.

CLEANING SOLUTION, LITHOGRAPHIC DAMPENER ROLLER	17859	BR

A solution of chemicals used for washing dampener roller(s) of a lithographic press.

CLEANING SOLUTION, MARKERBOARD	50653	BR

A mixture of chemicals formulated to remove permanent marks from and to clean markerboards.

CLEANING SOLUTION, MICROSURGICAL INSTRUMENT	51283	BR

A mixture of chemicals formulated to break down residue to aid in cleaning microsurgical instruments, especially drill handpieces, prior to autoclaving. Excludes CLEANING SOLUTION, STERILIZER AND ULTRASONIC UNIT.

CLEANING SOLUTION, STERILIZER AND ULTRASONIC UNIT	42151	BR

A mixture of chemicals formulated to remove deposits of residue or buildup of debris inside the chamber after cycling.

CLUTCH FLUID, MAGNETIC	27217	AT

A fluid consisting of fine magnetic particles dispersed in an oil base. It is used to fill the space between motion transmitting elements of a magnetic clutch. Upon the application of a magnetic field, the particles tend to coalesce, thereby creating viscous or friction forces between the clutch members.

COATING COMPOUND, OXIDE BLACK	19714	AH

A mixture which deposits a protective oxide coating on metals by chemical reaction therewith.

CONDITIONING POWDER, SEALING SLEEVE, PRINTING AND DRY DEVELOPING MACHINE	07573	BD

A mixture of chemicals, in powder form, designed for use as a dusting powder for the sealing sleeve (blanket) of a printing and dry developing machine in order to reduce the tackiness of the sealing sleeve.

Approved Item Name	INC	App Key
COOLANT	68228	BA

A mixture which primarily consists of water, ANTIFREEZE and a corrosion inhibitor. It may include other components such as repellent agent or children, and the like. It is designed to draw and transfer heat from a heat source that requires temperature control, transferring it to the cooling system heat exchange. Excludes ANTIFREEZE.

COOLING WATER COMPOUND	24046	BN

An item compounded of several ingredients specifically designed to be added to cooling water in air conditioning systems, heat exchangers, condensers, transformers, air compressors and the like or any other system in which mud, silt, sediment or corrosion, or bacteria accumulate, for the purpose or prevention or elimination of one of the above problems. Item may also render water odorless.

CORROSION PREVENTIVE, AIRCRAFT ENGINE	20577	CB

A material formulated as a concentrate, or blend of concentrate and oil, to be mixed with aircraft engine oil, or a ready-mixed oil blended at point of manufacture. It is designed for use on internal surfaces and parts of aircraft engines to prevent damage by corrosion for a specific period of time.

CORROSION PREVENTIVE, SOLUBLE OIL	21312	AZ

A liquid composed of mineral oil, an emulsifying agent, and a corrosion preventive additive designed for use in the preparation of water or water-alcohol injection mixtures to prevent corrosion and/or rusting in ground-handling equipment and aircraft water injection systems. It may also be used as a coolant additive in the cooling systems of internal combustion engines to prevent corrosion and to provide some internal lubrication of water pumps.

CORROSION REMOVING COMPOUND	16650	BB

A chemical product designed for removal of corrosion such as rust formed on metal surfaces by oxidation, hydration, and carbonation. Excludes corrosion inhibitors and SCALE REMOVING COMPOUND.

CRYSTAL LOADING COMPOUND	05325	BE

A substance which, when placed on a crystal plate, alters the frequency characteristics of the crystal.

DANC SOLUTION UNIT	08546	DG

A liquid and a powder which when mixed, provide a decontaminating solution for destroying common vesicant agents. They are supplied in a compartmented container.

DEICING COMPOUND	24410	BK

A compound designed to melt snow and ice on walks, roadways, steps, parking areas, or the like. It is composed of one or more basic chemicals with fillers and/or extenders. It is either in flake, pellet, or granular form. When of a single specific chemical, use specific chemical name.

Approved Item Name	INC	App Key
DEICING-DEFROSTING AND ANTI-ICING FLUID	62045	BG

A solution used in removing ice and frost from the surface of parked aircraft and to prevent the formation of ice and frost on such surfaces. When a single specific chemical, use specific chemical name. Excludes both ANTI-ICING FLUID and DEICING-DEFROSTING FLUID.

DEICING-DEFROSTING FLUID	17854	CK

A solution used in removing accumulated ice and frost from surfaces of aircraft and the like. When of a single specific chemical, use specific chemical name. Excludes compounds which prevent the accumulation of ice and frost. See also ANTI-ICING COMPOUND, AIRCRAFT PROPELLER.

DESICCANT, ACTIVATED	16537	BM

A chemical product specially prepared to increase the adsorption capacity of the basic chemical(s) for the removal of moisture and capable of being restored to approximately its original condition.

ELECTRODEPOSIT STRIPPING COMPOUND	13708	AL

A preparation of nonspecific chemicals compounded primarily for removing electrolytically deposited metallic coatings. It may also be used to clean lead alloy anodes used in chromium plating. When of a specific chemical, use specific chemical name.

ELECTROPLATING COMPOUND, CADMIUM	05328	BE

A mixture of chemicals used to prepare a solution which electrolytically deposits cadmium in a bright, ductile, and adherent form on all types of iron, steel, and many other products, to prevent rusting and corrosion.

ELECTROPLATING COMPOUND, CHROMIUM	05329	BE

A mixture of chemicals used to prepare a solution which electrolytically deposits chromium in a bright, ductile, and adherent form on all types of iron, steel, and many other products, to prevent rusting and corrosion.

ELECTROPLATING COMPOUND, INDIUM	05330	BE

A mixture of chemicals used to prepare a solution which electrolytically deposits indium in a bright, ductile, and adherent form on copper, gold, and silver, to produce a corrosion resistant finish with a high luster. It is also used on other metals to form corrosion resistant, nonporous surface of increased hardness. When of a single specific chemical, use specific chemical name.

Approved Item Name	INC	App Key
EMISSION CONTROL SOLUTION	68152	BN

A mixture of urea and water used as a reduction agent. It is injected into the exhaust line to reduce nitrogen oxides before the exhaust is released into the atmosphere.

FLUID, PURGING, PRESERVING, FUEL SYSTEM COMPONENTS	27673	CA

A hydrocarbon compound for use in purging and preserving fuel system components.

GASOLINE INDICATING PASTE	07575	BD

Glass-Quartz Etching Compound

1. An item compounded of various ingredients, such as ammonium bifluoride and molasses which when applied on glass or quartz surfaces produces an etched area. When of a single specific chemical, use specific chemical name.

GLASS-QUARTZ ETCHING COMPOUND (1), AMMONIUM BIFLUORIDE	18230	BC
GUM PREVENTIVE COMPOUND, GASOLINE	00285	AJ

A compound of nonspecified composition, containing an antioxidant and a metal deactivator, used to prevent the formation of gum in gasoline. It is normally added to the gasoline fuel tanks of vehicles which are expected to remain idle for an extended period of time. When of a single specific chemical, use chemical name.

HEAT TRANSFER FLUID	12786	CE

A compound of nonspecific chemicals, formulated for use as heat transfer agent for such equipment as refrigerating, evaporating, electrical heating element, or engine thermometer power element. When of a specific chemical or chemical composition, use specific chemical name or specific chemical composition names.

HYDROGEN SULFIDE GENERATING CARTRIDGE	18377	DH

A small glass case containing such ingredients, as powdered sulfur, asbestos fiber, and a hydrocarbon, such as paraffin, which upon heating will generate hydrogen sulfide gas. It is used where small quantities of hydrogen sulfide are required.

IMPREGNITE TESTING TABLETS	07576	BD

Approved Item Name	INC	App Key
INHIBITOR, CORROSION, LIQUID COOLING SYSTEM	00286	AJ

A compound composed of various chemicals to be added to cooling media to retard and/or prevent formation of rust, scale, sludge, and corrosion in cooling systems, such as in internal combustion engines. Excludes flushout compounds.

INHIBITOR, CORROSION, LUBRICATING OIL	18231	AW
INHIBITOR, CORROSION, PETROLEUM FUEL	22533	AX

A composition of various chemicals, soluble in petroleum fuels, which is added to prevent corrosion in storage tanks, tankers, pipelines, and the like, in the distribution of petroleum fuels.

INHIBITOR, CORROSION, VAPOR BARRIER	05353	BE

An item composed specifically to inhibit corrosion of steel by fresh water. It functions by vaporization and transport of its vapor to the metal surface where it condenses or dissolves in condensing moisture. It is sometimes employed in the form of a coating on wrapping papers or on paperboard containers.

INHIBITOR, CORROSION, WATER SOLUBLE	18388	AD

A mixture of chemicals formulated to inhibit corrosion of wet vapor blasted surfaces of ferrous metals. It is also added to rinsing water to form a protective coating on the metal upon drying. When of a single specific chemical, use specific chemical name. Excludes CORROSION PREVENTIVE COMPOUND.

INHIBITOR, ICING, FUEL SYSTEM	26965	BG

A compound composed of various chemicals which is used as a fuel additive to eliminate icing in fuel systems. Excludes ANTI-ICING FLUID.

INHIBITOR, PICKLING CHEMICAL	07617	AK

A compound of nonspecified chemicals formulated to diminish the attack of the descaling acid on descaled areas of metal.

INSPECTION PENETRANT	22013	CJ

An oil or ester base liquid used with a developer to detect surface flaws in metals, ceramics, glass, and some plastics. Penetrants will reveal only defects which are open to the surface and which are of sufficient magnitude to permit entrance of the penetrant by capillary action. The penetrant remains in the opening until it is withdrawn by the greater capillary action of the developer.

Approved Item Name	INC	App Key

Inspection Penetrant Developer

1. A material which absorbs the penetrant from the surface of the flaw discontinuity, promotes further capillary action as the liquid enhances the visibility of the penetrant flaw indications.

INSPECTION PENETRANT DEVELOPER (1), DRY	26929	CL

A light, fluffy, dry, absorbent powder applied to the part being penetrant inspected, after the excess surface penetrant has been removed and the part has been dried. The "dry" developer adheres primarily to the flaw openings wetted by the penetrant liquid to obtain increased bleed out of the penetrant and provide sharp flaw delineations. Excludes MAGNETIC INSPECTION COMPOUND.

INSPECTION PENETRANT DEVELOPER (1), NONAQUEOUS	26926	CG

Absorbent powdered materials suspended in a nonaqueous liquid, used to provide a white background for maximum color contrast, and to enhance the bleed out of the penetrant from the flaw cavity to obtain increased accuracy of dye penetrant inspection.

INSPECTION PENETRANT DEVELOPER (1), WET	26930	CL

A material supplied in wet or dry form to be applied to the part being penetrant inspected, after the excess surface penetrant has been removed. The "wet" developer, on drying, provides an absorbent white background to the part for maximum color contrast, and enhances the bleed out of the penetrant from the cavity to obtain increased inspection accuracy.

INSPECTION PENETRANT EMULSIFIER	26927	CH

A liquid agent which must be applied to the nonwater-washable penetrant after the proper dwell time has elapsed to permit water rinsing. This requires an additional step and a period of time must be allowed for the combining to occur.

INSPECTION PENETRANT REMOVER	26928	CH

A solvent-type liquid suitable for hand wipe removal of a penetrant from the surface of a material.

LACQUER, PHOTOCOPY	46569	BJ

An item consisting of light-sensitive, film-forming lacquer bodies which are dissolved in a special chemical compound. Transparently drawn circuits are transferred to a board or the like. The photocopy lacquer is corrosion resistant and insensitive to heat.

LAYOUT DYE	17852	AB

A quick drying, nonspecific, opaque preparation to be applied on metal surfaces. It eliminates glare and provides a contrasting background for scribing.

Approved Item Name	INC	App Key
LEAK PREVENTIVE COMPOUND, RADIATOR	07568	BN

A chemical of nonspecified composition primarily intended to be added to engine cooling systems for the prevention and/or correction of small leaks. When of a single specific chemical, use specific chemical name.

LEAK TEST COMPOUND	27492	BN

A compound designed for detecting leaks in high and low pressure system.

LITHOGRAPHIC BLANKET-ROLLER WASH	17858	CF

A solution of chemicals designed for cleaning ink roller(s) and rubber blanket(s).

LITHOGRAPHIC FOUNTAIN SOLUTION	17764	BT

An item compounded of various ingredients, such as a gum substance, ammonium dichromate, and phosphoric acid, used in the dampening system of a lithographic press to maintain the desensitization of the nonimage area of the plate. When of a single specific chemical, use specific chemical name.

LITHOGRAPHIC PLATE ASPHALTUM SOLUTION	17687	BH

A nondrying substance compounded of asphaltum, solvent(s), and extender(s) used as a base or protective coating for the image on a lithographic plate. It makes the image highly ink receptive and repeals the action of the fountain solution. When of a single specific chemical, use specific chemical name.

LITHOGRAPHIC PLATE COUNTER ETCH	17765	BT

A solution of chemicals, usually mild acid(s), used to remove oxides and dirt from lithographic plates preparatory to application of plate sensitizing coating. When of a single specific chemical, use specific chemical name.

LITHOGRAPHIC PLATE DEVELOPER, DEEP ETCH	17862	BW

An item compounded of various ingredients such as calcium chloride and lactic acid. It is used to remove the parts of the coating not exposed to light in the deep-etch process of lithographic plate making. When of a single specific chemical, use specific chemical name.

LITHOGRAPHIC PLATE ETCH, DEEP ETCH	17863	BW

An item compounded of various ingredients, such as calcium chloride solution, ferric chloride, and hydrochloric acid, which is applied after the plate is developed to etch the image slightly into the metal. When of a single specific chemical, use specific chemical name.

Approved Item Name	INC	App Key
LITHOGRAPHIC PLATE ETCH, DESENSITIZING	17766	BS

An item compounded of various ingredients, such as a gum substance, ammonium dichromate, and phosphoric acid, applied to the lithographic plate to desensitize it by rendering the nonimage area ink and grease resistant. When of a single specific chemical, use specific chemical name.

LITHOGRAPHIC PLATE-FOUNTAIN ETCH	05354	BE

An item compounded of various ingredients, such as ammonium dichromate and phosphoric acid, to which water and LITHOGRAPHIC PLATE PRESERVING GUM are added to make LITHOGRAPHIC PLATE ETCH, DESENSITIZING or LITHOGRAPHIC FOUNTAIN SOLUTION.

LITHOGRAPHIC PLATE LACQUER, DEEP-ETCH	17860	BJ

A solution of synthetic resin(s) and volatile organic solvent(s), frequently with vegetable oil(s) and dye(s). It is used in the deep-etch process of lithographic plate making to provide an ink-receptive base and extend the life of the image.

LITHOGRAPHIC PLATE LACQUER, SURFACE	17861	BJ

A solution of synthetic resin(s) and volatile organic solvent(s), frequently with vegetable oil(s) and dye(s). It is used in the surface process of lithographic plate making to intensify offset plates and increase the number of impressions from plates.

LITHOGRAPHIC PLATE PRESERVING GUM	17857	BX

A gum solution, or dry ingredients to make the solution which, when applied to the nonimage areas of a lithographic plate, protects it from grease and prevents oxidation. When of a single specific chemical, use specific chemical name.

LITHOGRAPHIC PLATE SENSITIZING COATING, SURFACE	17856	BQ

An item compounded of a colloid such as albumen and a sensitizer such as ammonium dichromate. It provides a light sensitive coating for use in the surface process of lithographic plate making.

LITHOGRAPHIC PLATE STOP-OUT SOLUTION, DEEP ETCH	07580	BD

A solution of shellac and/or synthetic resin(s), frequently with other material(s) and anhydrous alcohol, usually colored with a dye. It is used to paint out unwanted areas before the plate is developed. When of a specific chemical, use specific chemical name.

Approved Item Name	INC	App Key
LITHOGRAPHIC SOLVENT	17688	BH

A synthetic solution of various ingredients, such as pine oil, castor oil, petroleum distillate, and ester gum. It is primarily designed for use as a turpentine substitute for cleaning lithographic plates and for diluting asphaltum solutions and developing inks. It is also used for washing rollers to make them entirely receptive to printing inks. When of a single specific chemical, use specific chemical name. Excludes TURPENTINE.

MAGNETIC INSPECTION COMPOUND	31563	AT

A composition containing ferromagnetic particles colored for contrast or of a quality to fluoresce under black light either in the form of (1) a dry powder for dry inspection method which may be dispensed from a squeeze container, or (2) a dry concentrate for suspension in a light petroleum oil or water bath for wet inspection method, or (3) a prepared light petroleum oil base mixture which may be dispensed from an aerosol container. The ferrous particles accumulate by magnetic attraction at any surface flaws (cracks), thereby permitting the flaws to be readily discernible.

MERCURIC CHLORIDE, SODIUM CHLORIDE, AND SODIUM SULFATE MIXTURE	29943	BF
METHANOL SOLUTION	28693	BF

A mixture of reagent grade methanol and distilled water used in analytical chemistry in bilirubin determinations.

OIL SLICK REMOVER, SOLVENT-EMULSIFIER	23165	AY

A nonaqueous mixture of nonspecific chemicals compounded principally for use in dispersing and emulsifying petroleum oil and sludges floating on fresh and sea water. It may also be used to remove and emulsify oil and oily residue from docks and piling, ships' decks and ships' sides. See also OIL SLICK REMOVER, CARBONIZED SAND.

PENETRATING FLUID	30420	BB

A water-soluble liquid intended for loosening frozen and rusted parts. It may or may not have rubber lubricant(s) and preservative properties. Excludes PENETRATING OIL.

PHOSPHATE COATING, METAL	19715	AG

A chemical compound which forms a nonmetallic, integral, phosphate coating on metals by chemical reaction therewith. It may form a coating to hold lubricants for use on the bearing surfaces of such items as pistons, piston rings, and the like. It may form a coating for bonding paint, or a coating for protecting the metal surface without other protective media (nonbearing surface type).

PLATING SOLUTION ADDITIVE, SILVER	18415	BK

A mixture of chemicals designed for use as a brightener when added to silver plating solutions. It is mixed with distilled or deionized water before use.

Approved Item Name	INC	App Key
PRINTING TYPE WASH	15739	AA

A nonspecific nonflammable cleaner for metal type used in an industrial printing press. Excludes TYPE CLEANER.

PROPYLENE GLYCOL SOLUTION	49746	BA

A non-toxic mixture of prescribed proportions which will prevent freezing of water systems.

REGENERATOR, LITHOGRAPHIC BLANKET	00287	AJ

A chemical preparation for regenerating fabric mashes by restoring the resiliency to the surface of an offset or impression blanket(s).

RUST AND STAIN REMOVER, SURGICAL INSTRUMENTS	51698	AB

An item designed to be used for removing stains which are caused by disinfecting solutions, polyphosphate, organic, hard water, detergents, ammonia, and the like. It is used for restoring the original lustre to stainless steel surgical instruments and equipments. This item is not for use in ultrasonic cleaner or automatic washers.

SALTS, HEAT TREATING	18416	CD

A mixture of chemicals designed for hardening steel and for use in salt bath brazing. May contain a rectifier, such as borax, where inhibiting decarburization is required.

SCALE REMOVING COMPOUND	16638	DB

A chemical product designed for removal of material deposited on metal surfaces, usually on interior surfaces such as evaporator tubes and heat exchangers. Excludes scale prevention compounds, inhibitors, and CORROSION REMOVING COMPOUND.

SEA MARKER, FLUORESCEIN	13744	AP

A fluorescein dye with additives to increase dispersion in the sea so as to be suitable for use as a sea location indicator.

SHOE ENAMEL, SOLE AND HEEL EDGE	23318	AR

An item composed of several ingredients or one ingredient and filler(s) or extender(s). It produces a finish on leather shoe soles and heels by a burnishing action. Excludes POLISH, SHOE.

SILICONE COMPOUND	19690	AA

An inert inorganic resinlike material obtained from a variety of molecular combinations. When compounded with other ingredients, it can be applied to glass, paper, ceramics, finely powdered material, metal or quartz; forms heat resisting, dielectric, and water resisting coatings, extremely high and low temperature lubricants, hydraulic fluids, heat transfer fluids, synthetic rubber, and the like. Does not include paints and polishes which contain in part silicone compounds.

Approved Item Name	INC	App Key
SKIN PROTECTIVE COMPOUND, CHEMICAL BARRIER	08400	AS

A nonspecific chemical preparation to be applied to the skin to protect it from acids, alkalies, adhering and staining compositions, and hydrocarbons. When of a specific chemical, use chemical name.

SKIN PROTECTIVE COMPOUND, FLASHBURN	00288	AJ
SOCK, SPILL CONTAINMENT, NONABSORBENT	67581	AB

A short, thin, circular cross section item, with or without connectors, designed to contain liquids such as water, oil and other nonagressive liquids. Excludes: SOCK, SPILL CONTAINMENT, HAZARDOUS MATERIAL.

SOLVENT, ADHESIVE JOINT	42100	BE

A natural terpene mixture for the removal of pressure-sensitive labels without damaging the adhesive basis.

SOLVENT, HISTOLOGICAL	27997	CF

A solvent used in the field of histology.

SOLVENT, INK–TONER	67108	BE

A cleaner of nonspecific chemical compounds designed to remove INK, PRINTING or TONER (as modified) from components of printing equipment; COPYING MACHINE (as modified); PRINTER, AUTOMATIC DATA PROCESSING; and the like. Excludes CLEANING COMPOUND, SOLVENT.

SORBENT, HAZARDOUS MATERIAL011	52793011	BZ011

A nontoxic item in loose form designed to soak up leaks and spills of various environmentally unfriendly substances.

SORBENT, OIL	35538	BZ

An item consisting of natural organics/inorganics or synthetic/modified materials that are nontoxic to aquatic life. These sorbents are highly oleophilic and hydrophobic, designed specifically to contain, control, and/or retrieve oil spillage on land or water provided a different format is used in each case. Loose form for land or pillows, pad, boom, etc., for applications on water. It may be reusable. See also ABSORBENT MATERIAL, OIL AND WATER; and OIL SLICK REMOVER, SOLVENT-EMULSIFIER. Excludes BARRIER, FLOATING, MARINE.

STERILIZER SOLUTION, SURGICAL INSTRUMENT	32395	AB

A volatile liquid used in a vapor pressure type sterilizer to sterilize surgical, dental, and veterinary instruments.

Approved Item Name	INC	App Key
THYMOL AND TROMETHAMINE MIXTURE	30045	BF
TRANSPARENTIZING FLUID	17853	AB

A liquid designed to make paper translucent in order to permit light rays, such as those in a printing and dry developing machine, to penetrate the paper. When of a single specific chemical, use specific chemical name.

WATER CONDITIONER COMPOUND, WHIRLPOOL BATH	28911	BN

A chemical compound of nonspecific chemical composition added to the water in whirlpool baths to serve as an antiscum forming compound, and as a deodorant and/or water softener-detergent. It may contain coloring agents, dyes, and/or oils for psychological and/or emollient purposes.

WATER-DISPLACING COMPOUND	29807	BB

A water displacing compound suitable for removing water from wet electrical, electronic or mechanical equipment. Also acts as a temporary rust inhibitor.

WATER INDICATING PASTE	08844	BD
WATER PURIFICATION POWDER, CHLORINE	16866	DF

An item in powder form especially compounded to provide potable water by means of the bactericidal and fungicidal action of chlorine that is liberated in the water being treated. When of a single specific chemical, use specific chemical name.

WATER PURIFICATION POWDER, SILVER	33517	DF

An item in powder form especially compounded to provide potable water by way of the bactericidal action of silver ions discharged into the water being treated.

WATER PURIFICATION TABLET, CHLORINE	07562	DE

An item in tablet form especially compounded to provide potable water by means of the bactericidal and fungicidal action of chlorine that is liberated in the water being treated. When of a single specific chemical, use specific chemical name.

WATER PURIFICATION TABLET, IODINE	07563	DE

An item in tablet form especially compounded to provide potable water by means of the bactericidal and fungicidal action of iodine that is liberated in the water being treated. When of a single specific chemical, use specific chemical name.

Approved Item Name	INC	App Key
WATER REPELLENT KIT	27439	DJ

A group of items specifically designed for the application of a water repellent film to glass or plastic windows, windshields, and the like.

APPLICABILITY KEY INDEX

	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK
NAME	X	X	X	X	X	X	X	X	X	X
AGZX	X	X	X	X						
HUES		X			X		X			
AGXW			X	X	X	X	X	X	X	X
CMPY			X							
CMPZ				AR						
ALBY			AR							
AWDT					X					
AHEE						X	X	X		
CMQB						X				
CMQC						AR				
ATGN							X	X		
CMQD										X
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
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AFJK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
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ZZZV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
DERM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

FIIG T089
APPLICABILITY KEY INDEX

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AWRD	AR									
AZRR		X								
CMQF			X							
ASGS				X						
ASGT				X						
CMQG					X					
CMQH					X					
CMQJ					X					
CMQM						AR				
CFLJ							X			
BLBZ							X	X		
AJNK								X		
ARAL									X	X
ARBH										X
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
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FIIG T089
APPLICABILITY KEY INDEX

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ELCD	AR	AR
AFJK	AR	AR
SUPP	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
CXCY	AR	AR
DERM	AR	AR
HZRD	AR	AR

FIIG T089
APPLICABILITY KEY INDEX

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CMQL	X									
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CLDX	X									
ARAW		AR								
CLXG	X									
CNDR	X									
CNDS								X		
CNDT									X	
BBPB										AR
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FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
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FIIG T089
APPLICABILITY KEY INDEX

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CNDN					AR					
CNDP					AR					
CNDQ					AR		AR	AR		AR
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ASHR			AR	AR			AR			AR
CNDW	X									
BMRR	X	X	X							
CNDX	X									
BBPB	AR	AR								
CNDY		X								
AWET				X						
AHEE				X						
ARAB				X	X	X	X	X	X	X
CNDZ				AR	AR	AR	AR	AR	AR	AR
CBWT							X			
CNFB							X	X	X	X
ANNW		AR								
ANNY		AR								
ANNX		AR								
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
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HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

FIIG T089
APPLICABILITY KEY INDEX

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BMRR	X	
CNDX	X	
AKKF	AR	AR
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SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ENAC	AR	AR
ALAX	AR	AR
PTRM	AR	AR
CZFJ	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
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ZZZV	AR	AR
CXCY	AR	AR
DERM	AR	AR
HZRD	AR	AR

FIIG T089
APPLICABILITY KEY INDEX

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AHAC	AR	AR								
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CHDX	AR									
ATGP	AR									
CTSP	AR									
CNFF	AR									
CNFG		AR								
CNFH		X								
CNFJ		AR								
ALBY			X							
CNFK			X							
CNFL			X							
CNFM			AR							
CNFN				X						
CNFP				AR						
AFGA				X						
ARAR				X						
CWLR					AR					
BBRC						X				
CNFQ							X	X	X	
AFZC								X		
BLBZ									X	
AAZC										AR
CNFR										AR
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ALAX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PTRM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFJ	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
DERM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

FIIG T089
APPLICABILITY KEY INDEX

	CL
NAME	X
CNFQ	X
AKKF	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
PTRM	AR
CZFJ	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR
DERM	AR
HZRD	AR

FIIG T089
APPLICABILITY KEY INDEX

	DA	DB	DD	DE	DF	DG	DH	DJ
NAME	X	X	X	X	X	X	X	X
CNFS	X	X						
CNFT	X							
CNFW	X	X						
CNFX	AR	AR						
CNFY	X							
CNFZ				AR				
CTSQ					X			
CNGC						X		
CTSR						X		
AWDW							X	
ALPC								AR
AKKF	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR	AR	AR
ALAX	AR	AR	AR	AR	AR	AR	AR	AR
PTRM	AR	AR	AR	AR	AR	AR	AR	AR
CZFJ	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR	AR
DERM	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR

FIIG T089
APPLICABILITY KEY INDEX

FIIG T089

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED15739*)		
AA, AB, AC, AD, AZ			
	AGZX	D	BASIC INGREDIENT
	Definition: THE PRIMARY INGREDIENT OF WHICH THE ITEM IS MADE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 9. (e.g., AGZXDDZ*; AGZXDKA$$DKC*)		
NOTE FOR MRC HUES: FOR APPLICABILITY KEY AG - ENTER THE COLOR OF FINISH.			
AB, AE, AG, AR, AT (See Note Above)			
	HUES	D	COLOR
	Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., HUESDGR0000*; HUESDGR0000$$DWH0000*; HUESDGR0000$DWH0000*)		
AC, AD, AE, AF, AG, AH, AJ, AK, AL, AM, AN, AP, AQ, AR, AS, AT			
	AGXW	D	PHYSICAL FORM
	Definition: THE RECOGNIZED SHAPE, CONFIGURATION, STRUCTURE, OR MOLD OF A SUBSTANCE, NATURAL OR REFINED, THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AGXWDAAAL*)

AC

CMPY D POLISHING CLOTH

Definition: AN INDICATION OF WHETHER OR NOT A POLISHING CLOTH IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMPYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AD*

CMPZ B INSOLUBLE MATTER MAXIMUM PERCENTAGE

Definition: THE MAXIMUM PERCENTAGE OF INSOLUBLE MATTER CONTAINED IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., CMPZB14.73*)

AC*, AP*

ALBY D USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDAXE*; ALBYDAXE$$DAXF*)

REPLY CODE	REPLY (AH21)
AXE	EYE PROTECTION EQUIPMENT
AXF	GAS MASK PROTECTOR LENSES
AXJ	LIFE JACKET
AXH	LIFEBOAT
AXG	SUBMARINE EYE PROTECTOR LENSES

APP Key	MRC	Mode Code	Requirements

AE

AWDT D TRANSPARENT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A TRANSPARENT FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWDTDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AF, AG, AH

AHEE D APPLICATION METHOD

Definition: THE MEANS BY WHICH THE ELEMENT, COMPOUND, MIXTURE, OR THE LIKE, IS APPLIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHEEDAM*; AHEEDBQ$DBK*)

REPLY CODE	REPLY (AF22)
BQ	BRUSH
AM	DIPPED
AB	HAND
BJ	HAND SWABBED
BT	HOT DIP
BK	SPRAYED

AF, AY*

CMQB D BIODEGRADEABLE CHARACTERISTIC

Definition: AN INDICATION OF WHETHER OR NOT A BIODEGRADEABLE CHARACTERISTIC IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMQBDB*)

APP Key	MRC	Mode Code	Requirements

A biodegradeable cleaning compound is one that will decompose by biologic (principally bacteria) agents.

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AF*, AY*

CMQC B MINIMUM BIODEGRADEABLE CONTENT PERCENTAGE

Definition: THE MINIMUM PERCENTAGE OF THE BIODEGRADEABLE CONTENT OF THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., CMQCB90.0*)

AG, AH

ATGN D SURFACE CONDITION FOR WHICH DESIGNED

Definition: AN INDICATION OF THE SURFACE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATGNDBGK*; ATGNDBGK$$DBGL*)

REPLY CODE	REPLY (AK39)
BGK	BEARING
BGL	NONBEARING
BGM	PAINT BONDING
BGN	PREPAINT FINISH

AK

CMQD D FOAMING CHARACTERISTIC

Definition: AN INDICATION OF WHETHER OR NOT A FOAMING CHARACTERISTIC IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMQDDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AL*

AWRD G SPECIFIC METAL FOR WHICH FORMULATED

Definition: THE METAL FOR WHICH THE ITEM IS FORMULATED.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AWRDGCOMPOUNDED FOR STRIPPING CHROMIUM PLATING*; AWRDGCOMPOUND FOR STRIPPING NICKEL; COPPER; ZINC*)

AM

AZRR J NOMINAL DENSITY RATING

Definition: A MEASUREMENT OF THE AVERAGE DENSITY PER UNIT VOLUME.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AZRRJDA42.0*; AZRRJDB100.0*)

REPLY CODE	REPLY (AG67)
DB	KILOGRAMS PER CUBIC METER
DA	POUNDS PER CUBIC FOOT

AN

CMQF D CASEHARDENING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A CASEHARDENING FEATURE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMQFDB*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AP

ASGS D DYE TYPE

Definition: INDICATES THE TYPE OF DYE CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASGSDABJ*)

REPLY CODE	REPLY (AL79)
ABJ	POTASSIUM SALT
ABK	SODIUM SALT

AP

ASGT B FLUORESCEIN DYE PERCENTAGE

Definition: THE PERCENTAGE OF FLUORESCEIN DYE IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., ASGTB75.0*)

AQ

CMQG B SODIUM OXIDE TOTAL ALKALINITY PERCENTAGE

Definition: THE PERCENTAGE OF TOTAL ALKALINITY AS SODIUM OXIDE CONTAINED IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., CMQGB60.0*)

AQ

CMQH B SODIUM HYDROXIDE FREE ALKALINITY PERCENTAGE

Definition: THE PERCENTAGE OF FREE ALKALINITY AS SODIUM HYDROXIDE CONTAINED IN THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the numeric value. (e.g., CMQHB22.0*)

AQ

CMQJ D SURFACE ACTIVE AGENT

Definition: AN INDICATION OF WHETHER OR NOT A SURFACE ACTIVE AGENT(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMQJDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AR*

CMQM J MINIMUM WAX CONTENT

Definition: THE MINIMUM AMOUNT OF WAX CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CMQMJDE0.500*; CMQMJDF1.700*)

REPLY CODE	REPLY (AB49)
DF	KILOGRAMS PER LITER
DE	POUNDS PER GALLON

AS

CFLJ D PROTECTION TYPE FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF PROTECTION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CFLJDBF*; CFLJDBF$$DBH*)

REPLY CODE	REPLY (AF34)
BF	ACID-ALKALIS
BH	ACIDS-ALKALIS FUMES
BG	ADHERING STAINING COMPOUNDS

APP Key	MRC	Mode Code	Requirements
		BL	BITUMINOUS EMULSION COATING
		BJ	HYDROCARBONS
		CH	HYDROCHLORIC ACID
		CJ	PETROLEUM SOLVENTS
		BK	UREA-PHENOL-FORMALDEHYDE RESINS

AS, AT, AZ

BLBZ D WATER SOLUBLE FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A WATER SOLUBLE FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLBZDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

AT

AJNK D FLUORESCENT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A FEATURE IS INCLUDED TO BRING ABOUT BRIGHTNESS AND/OR PROVIDE CONTRAST IN DAYLIGHT AND UNDER BLACK-LIGHT CONDITIONS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJNKDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AW, AX

ARAL D NONTOXIC FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A NONTOXIC FEATURE IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARALDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AX

ARBH D MATERIAL FOR WHICH FORMULATED

Definition: THE ELEMENT, COMPOUND, OR MIXTURE FOR WHICH THE ITEM IS FORMULATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARBHDMEH000*; ARBHDALC000$$DMEH000*)

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
MEH000	METAL, FERROUS

AY

AGZY D MATERIAL BASE TYPE

Definition: INDICATES THE TYPE OF MATERIAL BASE OF WHICH THE ITEM IS COMPOSED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGZYDAAD*)

REPLY CODE	REPLY (AF12)
AAD	EMULSION
AAE	SOLUTION

AZ*

CMQK G HYDROGEN ION PH RANGE AT SPECIFIED TEMP

APP Key	MRC	Mode Code	Requirements
	Definition: THE MINIMUM TO MAXIMUM LIMITS OF THE HYDROGEN ION PH AT A SPECIFIED TEMPERATURE. Reply Instructions: Enter the reply in clear text. (e.g., CMQKG7.5 TO 10.0 PH RANGE, WHEN MIXED W/WATER, AT 77 DEG F*)		
AZ			
	ARSN	B	ASH CONTENT IN PERCENT
	Definition: THE AMOUNT OF ASH CONTAINED IN THE ITEM, EXPRESSED IN PERCENT. Reply Instructions: Enter the numeric value. (e.g., ARSNB2.0*)		
ALL *			
	AKKF	J	QUANTITY WITHIN EACH UNIT PACKAGE
	Definition: THE NUMBER OF VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE. Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7, followed by the numeric value. (e.g., AKKFJAS500.0*; AKKFJAS1.0$$JAN10.0*)		

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED05131*)

BA

APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDBZY*)

REPLY CODE	REPLY (AK54)
FAT	NONPERMANENT
BZY	PERMANENT

BA

CMQL	D	ARCTIC GRADED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES AN ARCTIC GRADED FEATURE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMQLDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BBRC: REPLY TO THIS MRC, FOR APPLICABILITY KEY BQ, IF THE ITEM IS OTHER THAN A TWO UNIT PACKAGE.

BA*, BB*, BC*, BD*, BE*, BF*, BG*, BH*, BJ*, BK*, BQ*, BR*, BS*, BT*, BW* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	BBRC	J	COMPOSITION AND PERCENTAGE

Definition: THE VALUE(S) OF THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE COMPOSITION IS FABRICATED, EXCLUDING IMPURITIES.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 5, followed by the numeric value. (e.g., BBRCJBARA939880.0*; BBRCJBAQA547713.1$$JCAQA547713.5*)

Table 1

REPLY CODE	REPLY (AC20)
C	MAXIMUM
B	MINIMUM

Table 2

REPLY CODE	REPLY (AG55)
AQ	BY VOLUME
AR	BY WEIGHT

BQ

	BRHT	D	ISSUE FORM

Definition: AN INDICATION OF THE FORM IN WHICH THE ITEM IS ISSUED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BRHTDAAGC*)

REPLY CODE	REPLY (AE98)
AAGC	ONE-UNIT PACKAGE
AAGD	TWO-UNIT PACKAGE

NOTE FOR MRCS CNDN AND CNDP: REPLY TO THESE MRCS, IF REPLY CODE AAGD IS ENTERED FOR MRC BRHT.

BQ* (See Note Above)

	CNDN	J	COLLOID INGREDIENT AND PERCENTAGE

APP Key	MRC	Mode Code	Requirements

Definition: THE VALUE(S) OF THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE COLLOID IS FABRICATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 5, followed by the numeric value. (e.g., CNDNJBARB288520.0*; CNDNJBAQB093720.0$$JCAQB093721.0*)

Table 1

REPLY CODE	REPLY (AC20)
C	MAXIMUM
B	MINIMUM

Table 2

REPLY CODE	REPLY (AG55)
AQ	BY VOLUME
AR	BY WEIGHT

BQ* (See Note Preceding MRC CNDN)

CNDP	J	SENSITIZER INGREDIENT AND PERCENTAGE

Definition: THE VALUE(S) OF THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SENSITIZER IS FABRICATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 5, followed by the numeric value. (e.g., CNDPJBAQA064120.0*; CNDPJBAQA064120.0$$JBAQB064141.0*)

Table 1

REPLY CODE	REPLY (AC20)
C	MAXIMUM
B	MINIMUM

Table 2

REPLY CODE	REPLY (AG55)
AQ	BY VOLUME
AR	BY WEIGHT

NOTE FOR MRC CNDQ: REPLY TO THIS MRC, FOR APPLICABILITY KEYS BQ, BS, AND BT, IF GUM SOLUTIONS ARE PART OF THE COMPOSITION OF THE ITEM. FOR APPLICABILITY KEY BX - ENTER A REPLY IF THE ITEM IS IN LIQUID FORM.

APP Key	MRC	Mode Code	Requirements

BQ*, BS*, BT*, BX* (See Note Above)

CNDQ B SPECIFIC GRAVITY IN DEG BAUME

Definition: THE SPECIFIC GRAVITY OF AN ITEM, EXPRESSED IN DEGREES BAUME.

Reply Instructions: Enter the numeric value. (e.g., CNDQB5.200*)

BA, BY

HUES D COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., HUESDYE0000*; HUESDYE0000$$DGR0000*; HUESDYE0000$DGR0000*)

BA, BB, BC, BE, BK, BN, BP, BS, BX, BY, BZ

AGXW D PHYSICAL FORM

Definition: THE RECOGNIZED SHAPE, CONFIGURATION, STRUCTURE, OR MOLD OF A SUBSTANCE, NATURAL OR REFINED, THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AGXWDAAAL*; AGXWDAAAL$DAAAN*)

NOTE FOR MRC ASHR: REPLY TO THIS MRC, FOR APPLICABILITY KEY BN, IF REPLY CODE AAES IS ENTERED FOR MRC AGXW.

BA*, BB*, BC*, BE*, BK*, BN*, BP*, BS*, BX*, BY*, BZ* (See Note Above)

ASHR J WEIGHT

Definition: A RELATIVE MEASURE OF AN ITEM WITH RESPECT TO ITS DENSITY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASHRJAY6.0*; ASHRJBA2.7*)

REPLY CODE	REPLY (AG69)
AZ	GRAMS
BA	KILOGRAMS

APP Key	MRC	Mode Code	Requirements
		AY	OUNCES
		AX	POUNDS

BA

CLDX J BOILING POINT TEMP RATING

Definition: THE TEMPERATURE AT WHICH A LIQUID BOILS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CLDXJAAE300.0*; CLDXJAAD149.0*)

REPLY CODE	REPLY (AJ40)
AAD	DEG CELSIUS
AAE	DEG FAHRENHEIT

BB*

ARAW J MINIMUM FLASH POINT

Definition: THE MINIMUM DEGREES AT WHICH THE ITEM WILL IGNITE AND BURN.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ARAWJAAD120.0*; ARAWJAAE248.0*)

REPLY CODE	REPLY (AJ40)
AAD	DEG CELSIUS
AAE	DEG FAHRENHEIT

BA

CLXG D FLAMMABILITY CHARACTERISTIC

Definition: AN INDICATION OF THE FLAMMABILITY CHARACTERISTIC OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CLXGDD*)

REPLY CODE	REPLY (AD43)
D	FLAMMABLE
N	NONFLAMMABLE

APP Key	MRC	Mode Code	Requirements

BA

CNDR J FREEZE PROTECTION MAXIMUM TEMP RATING

Definition: THE MAXIMUM TEMPERATURE AT WHICH THE ITEM IS RATED TO PROTECT AGAINST FREEZING.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CNDRJAAEM60.0*; CNDRJAADM80.0*)

Table 1

REPLY CODE	REPLY (AJ40)
AAD	DEG CELSIUS
AAE	DEG FAHRENHEIT

Table 2

REPLY CODE	REPLY (AH08)
M	MINUS
P	PLUS

BH

CNDS D NONIRRITATING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A NONIRRITATING FEATURE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNDSDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BJ

CNDT D NONBLINDING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A NONBLINDING FEATURE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNDTDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BL

CNDW B MINIMUM AVAILABLE CHLORINE PERCENTAGE

Definition: THE PERCENTAGE OF MINIMUM AVAILABLE CHLORINE CONTAINED IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., CNDWB16.0*)

BL, BM, BN, BY

BMRR D ACTIVE INGREDIENT

Definition: THE ACTIVE INGREDIENT WHICH PRODUCES OR IS CAPABLE OF PRODUCING AN EFFECT ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BMRRDADX*; BMRRDAEC$$DAER*)

BL, BY

CNDX D WATER CONDITIONING AGENT

Definition: AN INDICATION OF WHETHER OR NOT A WATER CONDITIONING AGENT(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNDXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BK*, BL*, BM*

BBPB J SIEVE PARTICLE SIZE GRADATION

APP Key	MRC	Mode Code	Requirements
			PERCENTAGE

Definition: THE PERCENTAGE OF MATERIAL RETAINED AND/OR PASSED THROUGH A SPECIFIED STANDARD SIEVE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 6, followed by the numeric value. (e.g., BBPBJCABEAX3.0*; BBPBJBABEAT40.0$$JCABEAT41.2*)

Table 1

REPLY CODE	REPLY (AC20)
C	MAXIMUM
B	MINIMUM

Table 2

REPLY CODE	REPLY (AM79)
AC	PASSED
AB	RETAINED

BM

CNDY D MOISTURE INDICATOR IMPREGNATION

Definition: AN INDICATION OF WHETHER OR NOT MOISTURE INDICATOR IMPREGNATION IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNDYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BP

AWET D BASE TYPE

Definition: INDICATES THE TYPE OF BASE FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWETDAKL*)

REPLY CODE	REPLY (AJ57)
AKL	ACID

APP Key	MRC	Mode Code	Requirements
		AKM	HYDROCARBON

BP

AHEE D APPLICATION METHOD

Definition: THE MEANS BY WHICH THE ELEMENT, COMPOUND, MIXTURE, OR THE LIKE, IS APPLIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHEEDBQ*; AHEEDBQ$DAM*)

REPLY CODE	REPLY (AF22)
BQ	BRUSH
BW	COLD SPRAY
AM	DIPPED
BX	STEAM SPRAY

BP, BQ, BR, BS, BT, BW, BX

ARAB D FINAL FORM

Definition: AN INDICATION OF THE FINAL FORM OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARABDAW*)

REPLY CODE	REPLY (AK16)
AW	CONCENTRATED
AX	READY-TO-USE

NOTE FOR MRC CNDZ: REPLY TO THIS MRC, IF REPLY CODE AW IS ENTERED FOR MRC ARAB.

BP*, BQ*, BR*, BS*, BT*, BW*, BX* (See Note Above)

CNDZ A DILUTION RATIO

Definition: THE RATIO OF THE DILUENT TO THE CONCENTRATE.

Reply Instructions: Enter the diluent part ratio. (e.g., CNDZA32 TO 1*)

BS

APP Key	MRC	Mode Code	Requirements
	CBWT	D	PROCESS FOR WHICH DESIGNED

Definition: THE PROCESS FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBWTDAXX*)

REPLY CODE	REPLY (AH21)
AXX	DEEP-ETCH
AXY	SURFACE

BS, BT, BW, BX

	CNFB	D	PLATE MATERIAL FOR WHICH DESIGNED

Definition: THE MATERIAL OF THE PLATE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFBDME0000*; CNFBDALC000$$DCU0000*; CNFBDALC000$DCU0000*)

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
CR0000	CHROMIUM
CU0000	COPPER
ME0000	METAL
NF0000	NICKEL
NC0000	NICKEL COPPER ALLOY (Monel)
PF0000	PAPER
PFS000	PARCHMENT
PC0000	PLASTIC
STD000	STEEL, STAINLESS
ZN0000	ZINC

BM*

	ANNW	D	IMMEDIATE CONTAINER TYPE

Definition: INDICATES THE TYPE OF CONTAINER WITH WHICH THE ITEM IS IN DIRECT CONTACT.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ANNWDAAAH*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AE96)
AAAH	BAG

NOTE FOR MRCS ANNY AND ANNX: REPLY TO THESE MRCS, IF A REPLY IS ENTERED FOR MRC ANNW.

BM* (See Note Above)

ANNY	A	QUANTITY WITHIN EACH IMMEDIATE CONTAINER

Definition: THE NUMBER OF ITEMS WITHIN EACH IMMEDIATE CONTAINER.

Reply Instructions: Enter the quantity of desiccant units per immediate container. (e.g., ANNYA16*)

A desiccant unit is that weight of desiccant which will meet one and meet or exceed the other of the two equilibrium absorption capacities stated below:

3 grams of water at 25 degrees centigrade and 20 PCT relative humidity

6 grams of water at 25 degrees centigrade and 40 PCT relative humidity

BM* (See Note Preceding MRC ANNY)

ANNX	A	IMMEDIATE CONTAINER QUANTITY

Definition: THE NUMBER OF IMMEDIATE CONTAINERS.

Reply Instructions: Enter the quantity. (e.g., ANNXA320*)

ALL *

AKKF	J	QUANTITY WITHIN EACH UNIT PACKAGE

Definition: THE NUMBER OF THE VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7, followed by the numeric value. (e.g., AKKFJAF1.0*; AKKFJAS1.0$$JAN10.0*)

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED18456*)		
CA*			
	AHAA	G	MAXIMUM VISCOSITY AT RATED TEMP
	Definition: THE MAXIMUM KINEMATIC UNITS (CENTISTOKES) OF THE ITEM AT A SPECIFIED TEMPERATURE.		
	Reply Instructions: Enter the reply in clear text. (e.g., AHAAG3.5 CENTISTOKES AT 100 DEG F*)		
CA*, CB*			
	AHAC	G	MINIMUM VISCOSITY AT RATED TEMP
	Definition: THE MINIMUM KINEMATIC UNITS (CENTISTOKES) OF THE ITEM AT A SPECIFIED TEMPERATURE.		
	Reply Instructions: Enter the reply in clear text. (e.g., AHACG3.3 CENTISTOKES AT 100 DEG F*)		

NOTE FOR MRC ARAW: FOR APPLICABILITY KEYS CA AND CB-FLASH POINT WILL BE GIVEN BY THE CLEVELAND OPEN-CUP TEST METHOD. FOR APPLICABILITY KEYS CF, CG, CH, AND CJ-FLASH POINT WILL BE GIVEN BY THE TAG CLOSED-CUP METHOD.

CA, CB*, CC, CF, CG, CH*, CJ, CK			
	ARAW	J	MINIMUM FLASH POINT
	Definition: THE MINIMUM DEGREES AT WHICH THE ITEM WILL IGNITE AND BURN.		
	Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ARAWJAAE215.0*; ARAWJAAD100.0*)		

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AJ40)
AAD	DEG CELSIUS
AAE	DEG FAHRENHEIT

CA*

CNFC A MAXIMUM SAYBOLT CHROMOMETER COLOR NUMBER

Definition: THE MAXIMUM SAYBOLT CHROMOMETER COLOR NUMBER OF THE ITEM.

Reply Instructions: Enter the number. (e.g., CNFCAPLUS 25*)

CA*

CHDX G SPECIFIC GRAVITY AT SPECIFIED TEMP

Definition: THE NUMERIC VALUE WHICH INDICATES THE RATIO OF THE WEIGHT IN AIR OF A GIVEN VOLUME OF MATERIAL AT A SPECIFIED TEMPERATURE.

Reply Instructions: Enter the reply in clear text. (e.g., CHDXG0.780 TO 0.790 SP GR AT 60 DEG F*)

CA*

ATGP J REID VAPOR PRESSURE

Definition: THE VAPOR PRESSURE FOR POTENTIALLY FLAMMABLE ITEMS, AS DETERMINED BY THE REID METHOD.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATGPJBB2.0*; ATGPJAV0.9*)

REPLY CODE	REPLY (AG20)
AV	KILOGRAMS PER SQUARE CENTIMETER
BA	POUND
BB	POUNDS PER SQUARE INCH

APP Key	MRC	Mode Code	Requirements

CA*

CTSP J ANILINE POINT MINIMUM TEMP

Definition: THE LOWEST TEMPERATURE AT WHICH AN ITEM IS MISCIBLE WITH ANILINE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CTSPJAAE150.0*)

REPLY CODE	REPLY (AJ40)
AAD	DEG CELSIUS
AAE	DEG FAHRENHEIT

CA*

CNFF A MAXIMUM BROMINE NUMBER

Definition: THE MAXIMUM BROMINE NUMBER OF THE ITEM.

Reply Instructions: Enter the number. (e.g., CNFFA8*)

CB*

CNFG G COMPATIBLE ENGINE LUBRICATING OIL SPEC/STD

Definition: THE SPECIFICATION AND/OR STANDARD USED TO LIMIT THE ELEMENT, COMPOUND, OR MIXTURE OF THE COMPATIBLE ENGINE LUBRICATING OIL.

Reply Instructions: Enter the reply in clear text for the lubricating oil which is blended with the corrosion-inhibiting material to produce a corrosion preventive used in aircraft engines. (e.g., CNFGGFED, MIL-L-7008, GRADE 1100*)

CB

CNFH D SYNTHETIC RUBBER SWELLING FEATURE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A SYNTHETIC RUBBER SWELLING FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFHDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CB*

CNFJ F VOLUME SWELL PERCENTAGE RANGE

Definition: THE MINIMUM AND MAXIMUM VOLUME SWELL PERCENTAGE OF THE ITEM.

Reply Instructions: Enter the numeric values separated by a slash. Precede negative values with an M and positive values with a P. (e.g., CNFJFM12.0/P35.0*)

CC

ALBY D USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDAXZ*)

REPLY CODE	REPLY (AH21)
AXZ	ADDITIVE
AYA	DIP

CC

CNFK D LIQUID PHASE

Definition: AN INDICATION OF THE PHASE OF LIQUID PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFKDAP*)

REPLY CODE	REPLY (AL77)

APP Key	MRC	Mode Code	Requirements
		AP	SINGLE
		AQ	TWO

CC

CNFL D RINSING

Definition: AN INDICATION OF WHETHER OR NOT RINSING IS REQUIRED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFLDB*)

REPLY CODE	REPLY (AE40)
C	NOT REQUIRED
B	REQUIRED

CC*

CNFM D RINSE LIQUID NAME

Definition: THE NOMENCLATURE BY WHICH THE RINSE LIQUID IS IDENTIFIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFMDAADL*; CNFMDAAEQ$DAAER*)

REPLY CODE	REPLY (AB75)
AADL	COLD WATER
AAEP	DRY CLEANING ORGANIC SOLVENT
AAEQ	HOT WATER
AAER	KEROSENE
AAES	SOLVENT
AAET	WARM WATER
AAAG	WATER

CD

CNFN D RECTIFIER

Definition: AN INDICATION OF WHETHER OR NOT A RECTIFIER IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFNDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CD*

CNFP	G	RECTIFYING INGREDIENT PERCENTAGE BY WEIGHT

Definition: THE RECTIFYING INGREDIENT AND ITS PERCENTAGE BY WEIGHT.

Reply Instructions: Enter the reply in clear text. (e.g., CNFPGBORAX 2 PCT*)

CD

AFGA	J	OPERATING TEMP RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF TEMPERATURE AT WHICH THE ITEM IS RATED FOR OPERATION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede all values with a P. (e.g., AFGAJFP1300.0/P1650.0*; AFGAJCP632.0/P788.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

CD

ARAR	J	MELTING POINT TEMP RATING

Definition: THE TEMPERATURE AT WHICH THE ITEM WILL MELT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ARARJF1250.0*; ARARJC650.0*)

REPLY CODE	REPLY (AB36)

APP Key	MRC	Mode Code	Requirements
		C	DEG CELSIUS
		F	DEG FAHRENHEIT

CE*

CWLR J RATED EFFECTIVE TEMP RANGE

Definition: THE RATED EFFECTIVE TEMPERATURE RANGE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., CWLRJFM87.0/P355.0*; CWLRJCM66.0/P179.4*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

CF

BBRC J COMPOSITION AND PERCENTAGE

Definition: THE VALUE(S) OF THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE COMPOSITION IS FABRICATED, EXCLUDING IMPURITIES.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below and Appendix A , Table 5, followed by the numeric value. (e.g., BBRCJCARB289594.0*; BBRCJBAQA547713.1$$JCAQA547713.5*)

Table 1

REPLY CODE	REPLY (AC20)
C	MAXIMUM
B	MINIMUM

Table 2

REPLY CODE	REPLY (AG55)
AQ	BY VOLUME
AR	BY WEIGHT

CG, CH, CJ, CL

CNFQ D PENETRANT TYPE FOR WHICH DESIGNED

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF PENETRANT(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFQDAN*; CNFQDAN$DAQ*)

REPLY CODE	REPLY (AF93)
AN	FLUORESCENT
AQ	NONFLUORESCENT

CH

AFZC D FUNCTION FOR WHICH DESIGNED

Definition: THE SPECIFIC PURPOSE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFZCDBW*)

REPLY CODE	REPLY (AE74)
BW	DIRECT REMOVAL
BX	EMULSIFYING AGENT

CJ

BLBZ D WATER SOLUBLE FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A WATER SOLUBLE FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLBZDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

CK*

AAZC B MINIMUM OPERATING TEMP IN DEG CELSIUS

APP Key	MRC	Mode Code	Requirements

Definition: THE MINIMUM OPERATING TEMPERATURE AT WHICH THE ITEM IS RATED, EXPRESSED IN DEGREES CELSIUS.

Reply Instructions: Enter the numeric value. Precede negative values with an M. Values not preceded by an M will be assumed to be positive values. (e.g., AAZCBM9.0*)

CK*

CNFR B SLUSH POINT MINIMUM TEMP IN DEG CELSIUS

Definition: THE SLUSH POINT MINIMUM TEMPERATURE FOR WHICH THE ITEM IS RATED, EXPRESSED IN DEGREES CELSIUS.

Reply Instructions: Enter the numeric value. Precede negative valves with an M valves not preceded by an M will be assumed to be positive. (e.g., CNFRBM45.6*)

ALL *

AKKF J QUANTITY WITHIN EACH UNIT PACKAGE

Definition: THE NUMBER OF THE VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7, followed by the numeric value. (e.g., AKKFJAS5.0*; AKKFJAS1.0$$JAN10.0*)

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED11068*)

DA, DB

	CNFS	D	MAJOR CHEMICAL

Definition: THE MAJOR CHEMICAL OF WHICH THE ITEM IS COMPOSED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., CNFSDA7613*; CNFSDA7613$DA8103*)

DA

	CNFT	D	MINOR CHEMICAL

Definition: THE MINOR CHEMICAL OF WHICH THE ITEM IS COMPOSED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., CNFTDA0399*; CNFTDA0399$DA3324*)

DA, DB

	CNFW	D	INHIBITOR

Definition: AN INDICATION OF WHETHER OR NOT AN INHIBITOR IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFWDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

DA*, DB*

APP Key	MRC	Mode Code	Requirements
	CNFX	D	INHIBITOR COMPOSITION

Definition: THE COMPOSITION OF THE INHIBITOR.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFXDB1191*; CNFXDB2336$DB2927*)

REPLY CODE	REPLY (AG54)
B1191	BORAX
B2926	COAL TAR BASE
B2927	DIETHYLTHIOUREA
A6315	MAGNESIUM OXIDE
B2336	1,3-DIETHYLTHIOUREA

DA

CNFY D CONDITIONER

Definition: AN INDICATION OF WHETHER OR NOT A CONDITIONER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNFYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

DE*

CNFZ B WEIGHT PER TABLET IN MILLIGRAMS

Definition: THE MEASURED WEIGHT PER TABLET, EXPRESSED IN MILLIGRAMS.

Reply Instructions: Enter the numeric value. (e.g., CNFZB6.0*)

Weight per tablet refers to quantity of iodine or chlorine liberated in treated water.

DF

CTSQ J MILLIGRAMS OF CHEMICAL REQUIRED

APP Key	MRC	Mode Code	Requirements

Definition: THE MILLIGRAMS OF CHEMICAL REQUIRED PER UNIT OF MEASURE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CTSQJBCX13.0*)

REPLY CODE	REPLY (AJ40)
BCX	PER GALLON
BCY	PER LITER

DG

CNGC H INGREDIENT AND LOCATION

Definition: THE INGREDIENT(S) OF WHICH THE ITEM IS COMPOSED AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, using Secondary Address Coding to enter a reply for each location.

(e.g., CNGC1AHLQDCY$HLRDCY*

CNGC1BHLQDC*)

Table 1

REPLY CODE	REPLY (AF11)
LQ	ACETYLENE TETRACHLORIDE LIQUID
LR	RH-195 POWDER

Table 2

REPLY CODE	REPLY (AJ91)
DCY	LOWER COMPARTMENT
DCZ	UPPER COMPARTMENT

DG

CTSR J DECONTAMINATING AGENT YIELD

Definition: THE AMOUNT OF DECONTAMINATING AGENT YIELDED, PER UNIT OF MEASUREMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CTSRJADJ4.5*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AK09)
ADJ	GALLON
AHK	LITERS

DH

AWDW B CAPACITY IN MILLILITERS

Definition: THE AMOUNT OF LIQUID, GRANULES, AND THE LIKE, THE ITEM WILL HOLD, EXPRESSED IN MILLILITERS.

Reply Instructions: Enter the numeric value. (e.g., AWDWB1250.0*)

DJ*

ALPC G COMPONENT AND QUANTITY

Definition: THE NAME AND NUMBER OF COMPONENTS WHICH MAKE UP THE ITEM.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., ALPCGAPPLICATION TISSUES; TEST KIT OF 1 MG./1 OF CHLORINE; 1 CYLINDRICAL CAN*)

DA*, DB*, DD*, DE*, DF*, DG*, DH*, DJ*

AKKF J QUANTITY WITHIN EACH UNIT PACKAGE

Definition: THE NUMBER OF THE VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7, followed by the numeric value. (e.g., AKKFJKE12.0*)

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications,

APP Key	MRC	Mode Code	Requirements
			reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL * (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 8, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
AZ*, BA*, BG*, CB*, CK*			
	CSGW	A	NATO CODE NUMBER
			Definition: THE DESIGNATOR WHICH IS ASSIGNED TO THE PRODUCT BY THE NATO MILITARY AGENCY FOR STANDARDIZATION (MAS).
			Reply Instructions: Enter the NATO Code Number. (e.g., CSGWAF34*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

APP Key	MRC	Mode Code	Requirements

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY A PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL * (See Note Above)

ENAC D ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDHP*; ENACDHP$$DEE*)

REPLY CODE	REPLY (EN02)
EE	COMPREHENSIVE PROCUREMENT GUIDELINE - VEHICULAR PRODUCTS - ENGINE COOLANTS
BE	GENERAL PURPOSE LAUNDRY PRODUCTS - BIOBASED
F5	LOW VOLATILE ORGANIC COMPOUND - COATINGS - PLASTIC, RUBBER AND GLASS

APP Key	MRC	Mode Code	Requirements
			COATINGS
		GQ	LOW VOLATILE ORGANIC COMPOUND – CONSUMER PRODUCTS – HOUSEHOLD CONSUMER PRODUCTS
		G7	LOW VOLATILE ORGANIC COMPOUND - SOLVENTS - SOLVENTS
		HP	LOW VOLATILE ORGANIC COMPOUND - WATER BASED CLEANING MATERIALS
		NR	REVIEWED – DOES NOT MEET SOME ENAC CRITERIA
		BW	SORBENTS - BIOBASED
		HA	SORBENTS - RECYCLED
			sorbents – recycled (use Reply Code HA)

NOTE FOR MRC ALAX: IF REPLY CODE BE OR BW WAS ENTERED FOR MRC ENAC, REPLY TO MRC ALAX.

ALL * (See Note Above)

ALAX * B BIOBASED CONTENT PERCENTAGE

Definition: THE STATED PERCENTAGE OF THE ITEM'S CONTENT THAT IS BIOBASED.

Reply Instructions: Enter the numeric value. (e.g., ALAXB75.0)

NOTE FOR MRC PTRM: IF REPLY CODE EE OR HA WAS ENTERED FOR MRC ENAC, REPLY TO MRC PTRM.

ALL* (See Note Above)

PTRM B TOTAL RECOVERED MATERIALS PERCENTAGE

Definition: THE PERCENTAGE OF THE TOTAL RECOVERED OR RECYCLED MATERIAL, FROM MANUFACTURING PROCESSES OR CONSUMER, INCLUDED IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., PTRMB50.0*)

NOTE FOR MRC CZFJ: IF REPLY CODE F5, G7, GQ OR HP WAS ENTERED FOR MRC ENAC, REPLY TO MRC CZFJ.

ALL* (See Note Above)

CZFJ B VOLATILE ORGANIC COMPOUND IN GRAMS PER LITER

APP Key	MRC	Mode Code	Requirements

Definition: THE VOLATILE ORGANIC COMPOUND OF THE ITEM AS RATED BY INDUSTRY, EXPRESSED IN GRAMS PER LITER.

Reply Instructions: Enter the numeric value. (CZFJB0.6*)

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code. (e.g., ELRNGANN112036BIL060557LEN0313605UZ062365*)

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC25.0*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
F	CUBIC FEET
B	CUBIC INCHES
E	CUBIC METERS

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ZZZP J PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

ALL

APP Key	MRC	Mode Code	Requirements
	ZZZV	G	FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL

	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

ALL

	DERM	D	LEVEL OF DERMAL IRRITATION POTENTIAL

Definition: AN INDICATION OF THE LEVEL OF POTENTIAL FOR ADVERSE SKIN REACTIONS FROM DERMAL EXPOSURE TO A PRODUCT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., DERMDAB*)

REPLY CODE	REPLY (DE01)
AA	EXCEMPT, LESS THAN 5 PERCENT CHEMICAL COMPONENT BY WEIGHT
AB	MODERATE
AC	NEGLIGIBLE
AD	SLIGHT
AE	STRONG

ALL

	HZRD	D	HAZARDOUS SUBSTANCES

APP Key	MRC	Mode Code	Requirements
			Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY. Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 10 (e.g., HZRDDHAZ000* ; HZRDDHAZ106$$DHAZ378*)

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Reply Tables

Table 1 - ACTIVE INGREDIENTS 87
Table 2 - UNIT PACKAGE TYPES 87
Table 3 - COLORS 89
Table 4 - PHYSICAL FORMS 89
Table 5 - CHEMICALS 90
Table 6 - USS SIEVE SIZES 94
Table 7 - INNER PACKAGE WEIGHTS AND FORMS 94
Table 8 - NONDEFINITIVE SPEC/STD DATA 95
Table 9 - BASIC INGREDIENTS 97
Table 10 - HAZARDOUS SUBSTANCES 98

Table 1 - ACTIVE INGREDIENTS

REPLY CODE	REPLY (AJ08)
ADL	ALKALI METAL ALUMINOSILICATES
ADM	ALUMINA
ADN	ALUMINUM OXIDE
ADW	CALCIUM ALUMINO-SILICATE
ADT	CALCIUM HYPOCHLORITE
ADZ	CALCIUM SULFATE
	Calcium Sulfate, Anhydrous (use Reply Code ADQ)
ADQ	CALCIUM SULPHATE, ANHYDROUS
ADX	CASTOR OIL, SULFONATED
AEA	CHESTNUT TANNIN
AEB	CORNSTARCH
AEC	DISODIUM PHOSPHATE
ADR	DISODIUM PHOSPHATE, ANHYDROUS
AED	DYE GREEN
AEZ	LIGNIN
AEE	METYLENE-BIS-THIOCYANATE
AEF	MONOSODIUM PHOSPHATE
AFA	NONIONIC SURFACTANT, OCTYL-PHENOXY-POLYETNOXYETHANOL
AEG	OIL, EUCALYPTUS
AEH	OIL, PINE
AEJ	OIL, SALICYLATE
AEK	OIL, SOLUBLE
AEL	PLANT FIBER
AFC	POTASSIUM HYDROXIDE
ADS	QUEBRACHO, ANHYDROUS
AEM	SILICA GEL
AEN	SODIUM ALUMOSILICATE
AEP	SODIUM CARBONATE
ACX	SODIUM CARBONATE, ANHYDROUS
AEQ	SODIUM METAPHOSPHATE
AER	SODIUM NITRATE
AES	SODIUM PENTACHLOROPHENATE
AET	SODIUM POLYPHOSPHATE
AEW	SODIUM SULFITE
ADY	SODIUM SULFITE, CATALYZED
AEX	SODIUM TRICHLOROPHENATE
AEY	TABULAR ALUMINA, T-160
AFB	1,3-DICHLORO-5, 5-DIMETHYLHYDANTOIN

Table 2 - UNIT PACKAGE TYPES

REPLY CODE	REPLY (AE96)
AAGA	AEROSOL BOMB

REPLY CODE	REPLY (AE96)
AAAH	BAG
AABS	BAG, PLASTIC, POLYETHYLENE
AAAQ	BARREL
AAHD	BAY
AAAM	BOTTLE
AAHE	BOTTLE, GLASS
AAHF	BOTTLE, GLASS, W/DISPENSER
AAHJ	BOTTLE, GLASS, W/SEALED GLASS STOPPER
AACA	BOTTLE, PLASTIC
AAHG	BOTTLE, PLASTIC SPRAY
AAGM	BOTTLE, PLASTIC SQUEEZE
AAHH	BOTTLE, PLASTIC, W/DISPENSER
AAEA	BOTTLE, POLYETHYLENE
AAGB	BOTTLE, SPRAY
AAGC	BOTTLE, SQUEEZE
AAHK	BOTTLE W/SCREW CAP
AAAB	BOX
AAAS	CAN
AAAT	CAN, AEROSOL
AACQ	CAN, DISPENSER
AACJ	CAN, PRESSURIZED
AAAY	CAN, PRESSURIZED SPRAY
AAHL	CAN, SPRAY
AAHM	CAN, TWO-COMPARTMENT
AAHP	CAN W/BRUSH
AAHN	CAN W/PRESSURIZED SPRAY DISPENSER
AAGN	CANISTER
AADH	CARBOY
AAAC	CARTON
AAHQ	CARTON, MOISTURE PROOF
AABL	CONTAINER
AABA	DRUM
AAHR	DRUM, DISPOSABLE
AAGF	DRUM, FIBER
AAHS	DRUM, METAL
AAJX	DRUM, PLASTIC
AAHT	DRUM, POLYETHYLENE
AAHW	DRUM, POLYETHYLENE LINED
AAHY	DRUM, STEEL
AAHX	DRUM, STEEL, POLYETHYLENE LINED
AACZ	DRUM, 16 GAGE
AADA	DRUM, 18 GAGE
AAAE	ENVELOPE
AABD	JAR
AACT	JUG
AAHZ	JUG, PLASTIC
AAAF	PACKAGE
AAJA	PACKAGE, DRY

REPLY CODE	REPLY (AE96)
AABT	PACKET
AABF	PAIL
AAJB	PAIL, PLASTIC
AAJC	PAIL, STEEL
AABH	SACK
AABJ	TUBE
AAJD	TUBE, COLLAPSIBLE
AAAP	VIAL

Table 3 - COLORS

REPLY CODE	REPLY (AD06)
AM0000	AMBER
BL0000	BLACK
BL0052	BLACK, GRAY
BU0000	BLUE
BU0005	BLUE, DARK
BU0055	BLUE GREEN
BU0054	BLUE STEEL
BR0000	BROWN
CL0001	COLORLESS
CR0000	CREAM
GY0000	GRAY
GR0000	GREEN
PU0000	PURPLE
RE0000	RED
WH0000	WHITE
YE0000	YELLOW
YE0035	YELLOW, FLUORESCENT

Table 4 - PHYSICAL FORMS

REPLY CODE	REPLY (AE98)
AACH	BALL
ADS	BAR
ADT	BLANKET
AAD	BLOCK
ADW	BOOM (sausage-shaped log)
AAES	BRIQUET (includes briquette)
AAF	CONE
AAEG	CREAM
AACQ	CRYSTAL
AABR	CRYSTALLINE
AACS	FLAKE

REPLY CODE	REPLY (AE98)
AAEJ	GEL
AACW	GLOBULAR
AABW	GRANULAR
AAAL	LIQUID
AACA	LUMP
AAFY	LUMP PLATE
AAFZ	NUGGET
AAAN	PASTE
AACD	PELLET
ADX	PILLOW
AADA	PLATE
AAGA	PLATELET
AAAM	POWDER
AACE	PULVERIZED
ACL	RING
ABF	ROLL
ABH	SHEET
AACK	SOLID
ADY	SPHERE
AAAP	STICK
ABK	STRIP
ADZ	SWAB
AEA	SWEEP
AAET	TABLET
AADD	TEAR

Table 5 - CHEMICALS

REPLY CODE	REPLY (AG54)
B2863	ALIPHATIC HYDROCARBON
B1137	ALKYLARYL SULFONATE
A0378	ALUMINUM AMMONIUM SULFATE
A0399	ALUMINUM CHLORIDE
A0626	AMMONIUM BIFLUORIDE
A0641	AMMONIUM DICHROMATE
B2864	AMMONIUM DICHROMATE, STOCK SOLUTION
B2865	AMMONIUM NITRATE CRYSTALS
B2867	ANHYDROUS COMPLEX PHOSPHATES
B3369	ANIONIC SURFACTANTS
B2868	ANTIOXIDANT
A0951	ARSENIC TRIOXIDE
A1110	ASPHALT
B2869	BASIC BARIUM DINONYLNAPHTHALENE SULFONATE
B2870	BATTERY WATER
A1369	BENZENE

REPLY CODE	REPLY (AG54)
B2871	BENZOTHIAZYLDISULFIDE, TECHNICAL
B1191	BORAX
B2872	BUTYL CELLOSOLVE AND TRITON X-100
A2023	CALCIUM CHLORIDE
A2307	CASTOR OIL
B2707	CAUSTIC SODA
A2591	CHLOROTHEN
B2873	COATING AGENTS
A3157	CUPRIC CARBONATE
B2874	CYANIDE
A3263	CYCLOHEXANE
A3324	CYSTINE
B2876	D-DICHLOROBENZENE
B2875	DDT
A3476	DEXTROSE
A3580	DICHLORODIFLUOROMETHANE
A3642	DIETHYLENE GLYCOL
A3825	DIOCTYL SODIUM SULFOSUCCINATE
B2879	DISODIUM ACID PHOSPHATE
B2880	DRY CLEANING SOLVENT
A4199	ESTER GUMS
B2881	ETHYL ALCOHOL, SPECIALLY DENATURED FORMULA NO. 3A
A4275	ETHYLBENZENE
B2357	ETHYLENE GLYCOL
A4650	FLUORESCEIN
A4861	GILSONITE
A4940	GLYCERIN
B1322	GLYCOL
B2883	GLYCOLS W/HYDROXYLS ON ADJACENT CARBONS
B1325	GLYCYRRHIZA FLUID EXTRACT
B1327	GUM ARABIC
B2884	GUM ARABIC SOLUTION
B2885	GUM SOLUTION
B2413	HEXAMETHYLENETETRAMINE
A5331	HYDROCHLORIC ACID
A5477	INDIUM
B2886	INDUSTRIAL NEUTRALIZER
A5784	INERT INGREDIENTS
B2887	INHIBITORS
B2888	INSOLUBLE POLAR FILM FORMING INHIBITORS
B2889	IRISODIUM PHOSPHATE
B2427	IRON OXIDE
A5745	ISOPROPYL ALCOHOL
B2890	KALAFORM
A5914	LACTIC ACID
B2862	MANUFACTURERS SECRET
A6694	METAXALONE

REPLY CODE	REPLY (AG54)
A6724	METHANOL
B2462	METHYLCYCLOHEXANE
B2891	METHYLCYCLOPENTANE
B2922	MINERAL OIL, WHITE
B2892	MOLASSES
B2893	MOLASSES SOLIDS
B2894	MOLD INHIBITOR
A1844	N-BUTYL ALCOHOL
A5181	N-HEPTANE
A5222	N-HEXANE
A8636	N-PROPYL ALCOHOL
B2895	NAPHTHA SOLVENT
A7337	NITRIC ACID
B2896	NONIONIC SURFACTANTS
B2897	ORGANIC DETERGENT
B2503	ORTHOPHOSPHORIC ACID
A7613	OXALIC ACID
B2643	P-TOLUIDINE
B2898	PARAXYLENE
B2899	PETROLEUM DISTILLATES
B2900	PETROLEUM SOLVENT
B2521	PHOSPHATE
A8103	PHOSPHORIC ACID
B2901	PHOSPHORIC ACID, STOCK SOLUTION
A8197	PINE OIL
B2902	PINE OIL, ANHYDROUS
B2720	PIPERIDINE HYDROCHLORIDE
B2903	POLYETHYLENE OXIDE
B2904	POLYPHOSPHATE
B2905	PONTAMINE BLUE
B2906	PONTAMINE FAST TURQUOISE
A8406	POTASSIUM HYDROXIDE
A8409	POTASSIUM IODIDE
A8433	POTASSIUM PHOSPHATE, DIBASIC
A8456	POTASSIUM TARTRATE
A8652	PROPYLENE GLYCOL
B2907	RESIN
B2908	RESIN, SYNTHETIC
B2909	RUBBER-ASSOCIATED COMPOUNDING INGREDIENTS
B2910	RUBBER REJUVENATOR
B2911	SILICATE
A9285	SILICON DIOXIDE
B2912	SILICON FLUID
B2559	SODIUM ACETATE, ANHYDROUS
A9390	SODIUM BENZOATE
A9391	SODIUM BICARBONATE
A9398	SODIUM BISULFITE

REPLY CODE	REPLY (AG54)
A9407	SODIUM CARBONATE
A9414	SODIUM CHLORIDE
A9421	SODIUM CITRATE
B2914	SODIUM DI(2-ETHYLHEXYL) SULFOSUCCINATE
A9456	SODIUM GLUCONATE
A9470	SODIUM HYDROXIDE
A9487	SODIUM LAURYL SULFATE
A9510	SODIUM NITRATE
A9511	SODIUM NITRITE
A9517	SODIUM OXIDE
A9531	SODIUM PHOSPHATE, DIBASIC
A9562	SODIUM SESQUICARBONATE
A9563	SODIUM SILICATE
B2915	SODIUM SOAP
A9582	SODIUM TARTRATE
A9601	SODIUM THIOSULFATE
B2603	SODIUM THIOSULFATE, ANHYDROUS
B2913	SODIUM 2-ETHYLHEXYL SULFOACETATE
B2916	SOLUBLE INORGANIC INHIBITORS
A9639	SORBITAN SESQUIOLEATE
A9859	SULFAMIC ACID
B2917	SURFACE ACTIVE AGENT
B2918	SYNTHETIC DETERGENT
A9921	TALC
B0017	TOLUENE
B0035	TRICHLOROETHYLENE
B2741	TRICHLOROTRIFLUOROETHANE
B1182	TRISODIUM PHOSPHATE
B2919	TRISODIUM SALT OF N-HYDROXETHYLENEDIAMINETRIACETIC ACID
B0937	WATER
B1542	WATER, DISTILLED
B2920	WATER SOLUBLE GREASE SOLVENT
B2921	WETTING AGENT/SODIUM DIHEXYLSULFOSUCCINATE, 80 PERCENT AQUEOUS SOLUTION
B0987	XYLENE
B2923	XYLOL
B2924	YELLOW DYE
B1081	ZINC NITRATE
B2925	ZINC NITRATE, TECHNICAL CRYSTALS
B2647	1,1,1-TRICHLOROETHANE
B2882	2-ETHYL HEXANODIOL-1,3
B2877	2-3 DIMETHYLPENTANE
B2878	2-4 DIMETHYLPENTANE

Table 6 - USS SIEVE SIZES

REPLY CODE	REPLY (AF81)
EDB	NO. 2.5
EAQ	NO. 3
EAR	NO. 3.5
EAS	NO. 4
EAT	NO. 6
EAW	NO. 8
EAX	NO. 10
EAY	NO. 12
EAZ	NO. 14
EBA	NO. 16
EBB	NO. 18
EBC	NO. 20
EBD	NO. 28
EBE	NO. 30
EBF	NO. 40
EBG	NO. 45
EBH	NO. 50
EBJ	NO. 60
EBK	NO. 65
EBL	NO. 80
CZY	NO. 100
CZZ	NO. 150
DAA	NO. 200
EBT	0.265 INCH
EBW	0.530 INCH
EBQ	1/2 INCH
EBP	1/4 INCH
EBN	1/8 INCH
EBM	1/16 INCH
AYD	8.0 INCH
EBR	14.0 INCH
EBS	18.0 INCH

Table 7 - INNER PACKAGE WEIGHTS AND FORMS

REPLY CODE	REPLY (AG67)
KE	CARTRIDGES
AE	FLUID OUNCES
AF	GALLONS
BA	GRAMS
AJ	KILOGRAMS
CC	LITERS
AM	MILLILITERS

REPLY CODE	REPLY (AG67)
AN	OUNCES
AR	PINTS
AS	POUNDS
AT	QUARTS
AX	TABLETS
KF	TUBES

Table 8 - NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND

REPLY CODE	REPLY (AD08)
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS

REPLY CODE	REPLY (AD08)
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 9 - BASIC INGREDIENTS

REPLY CODE	REPLY (AF11)
LP	ACETONE
FE	ALCOHOL
JY	ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE
JZ	DIBUTYL TIN DILAURATE LIQUID CURING AGENT
KC	DIMETHYL SILICONE OIL
KE	DIMETHYLOCTYLSODIUM SULFOSUCCINATE
KA	DIMETHYLPOLYSILOXANE
KF	DYE
KG	HYDROCARBON PROPELLANT
KJ	LIQUID METHYL POLYSILOXANES
KH	LIQUID METHYL SILICONES
KK	METAL OXIDES
KL	METHYL SILICONES
KM	METHYLENE
AD	MINERAL OIL
KN	MONOHYDRATE SODIUM NITRATE
KP	NONTOXIC DETERGENT POLYOXYETHYLENE/20/SORBITAN MONDOLFATE
KR	PETROLEUM METAL SULFORNATES
KS	PHENYL METHYL SILICONE FLUID
KQ	POLYOXYETHYLENE/4/SORBITAN MONOSTEARATE
KT	RESIN
DZ	SILICONE
KZ	SILICONE OXIDE
KY	SILICONE POLYMERS
LA	SILICONE RUBBER
KX	SILICONE W/CORROSION INHIBITOR
KW	SILICONE W/INERT THICKENER
LB	SODIUM CARBONATE
LG	SODIUM CHROMATE DECAHYDRATE, TECHNICAL
LC	SODIUM DICHROMATE, DIHYDRATE, TECHNICAL
LE	SODIUM HEXAMETAPHOSPHATE
LD	SODIUM HYDRATE, TECHNICAL
LS	SODIUM HYDROXIDE, TECHNICAL WATER
LH	SODIUM PHOSPHATE, TRIBASIC, MONOHYDRATE, TECHNICAL
LF	SOLVENT

REPLY CODE	REPLY (AF11)
LK	TOLUENE PETROLEUM SPIRITS
LJ	TRICHLORO FLUOROMETHANE
LL	UNHYDROLYZED METHYL CHLOROSILANSE
LM	USP NO. 12 ZINC OXIDE/DIMETHYL POLYSILOXANE
AZ	VEGETABLE OIL
CB	WATER
LN	ZINC HEXAMETAPHOSPHATE

Table 10 - HAZARDOUS SUBSTANCES

REPLY CODE	REPLY (HZ00)
HAZ000	ACETONE
HAZ106	AMMONIUM BIFLUORIDE
HAZ084	ARSENIC TRIOXIDE
HAZ136	BENZENE
HAZ150	CALCIUM HYPOCHLORITE
HAZ374	DDT
HAZ071	DICHORODIFLUOROMETHANE
HAZ191	ETHYLBENZENE
HAZ043	ETHYLENE GLYCOL
HAZ214	HYDROCHLORIC ACID
HAZ375	INDIUM
HAZ376	IRON OXIDE
HAZ245	METHANOL
HAZ377	METHYCYCLOPENTANE
HAZ258	NITRIC ACID
HAZ335	P-TOULUIDINE
HAZ279	PHOSPHORIC ACID
HAZ034	POTASSIUM HYDROXIDE
HAZ378	SODIUM BISULFITE
HAZ379	SODIUM HYDROXIDE
HAZ038	SODIUM NITRATE
HAZ380	SODIUM PENTACHLOROPHENATE
HAZ316	SULFAMIC ACID
HAZ333	TOLUENE
HAZ337	TRICHLOROETHYLENE
HAZ346	XYLENE
HAZ350	ZINC NITRATE
HAZ336	1,1,1-TRICHLOROETHANE

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART 102
OUNCE TO DECIMAL OF A POUND CONVERSION CHART 103

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective July 3, 2009

Deleted MRC ECAT from FIIG.

Revised NOTE for MRCs ALAX, PTRM, and CZFJ

Added reply code NR- REVIEWED - DOES NOT MEET SOME ENAC CRITERIA to MRC ENAC.

Deleted SAC coding from MRC AKKF in Part A.

Deleted SAC coding from MRCs AKKF, BBRC, CNDN, and CNDP in Part B.

Deleted SAC coding from MRC AKKF and BBRC in Part C.

Deleted SAC coding from MRC AKKF and CNGC in Part D.